

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	human cyclooxygenase-3 OR (Cox-3a) OR (Cox-3b)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/01/26 10:59
L2	9709	cyclooxygenase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/01/26 11:00
L3	7428	2 AND human	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/01/26 11:00
L4	1	3 AND Cox-3a OR Cox-3b	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/01/26 11:01
L5	2010	3 AND polypeptides	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/01/26 11:01
L6	1669	5 AND expression	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/01/26 11:02
L7	1354	5 AND kit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/01/26 11:02

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAGXR1652

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\*\*\*\*\* Welcome to STN International \*\*\*\*\*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available  
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
NEWS 6 DEC 14 CA/CAPplus to be enhanced with updated IPC codes  
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPplus with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB  
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC  
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT  
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\*\*\*\*\* STN Columbus \*\*\*\*\*

FILE 'HOME' ENTERED AT 11:09:32 ON 26 JAN 2006

=> file.science

FILE.SCIENCE IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> file .science

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'MEDLINE' ENTERED AT 11:10:02 ON 26 JAN 2006

FILE 'AGRICOLA' ENTERED AT 11:10:02 ON 26 JAN 2006

FILE 'DRUGU' ENTERED AT 11:10:02 ON 26 JAN 2006  
COPYRIGHT (C) 2006 THE THOMSON CORPORATION

FILE 'JICST-EPLUS' ENTERED AT 11:10:02 ON 26 JAN 2006  
COPYRIGHT (C) 2006 Japan Science and Technology Agency (JST)

FILE 'CABA' ENTERED AT 11:10:02 ON 26 JAN 2006  
COPYRIGHT (C) 2006 CAB INTERNATIONAL (CABI)

FILE 'BIOTECHNO' ENTERED AT 11:10:02 ON 26 JAN 2006  
COPYRIGHT (C) 2006 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'BIOSIS' ENTERED AT 11:10:02 ON 26 JAN 2006  
Copyright (c) 2006 The Thomson Corporation

FILE 'CAPLUS' ENTERED AT 11:10:02 ON 26 JAN 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'LIFESCI' ENTERED AT 11:10:02 ON 26 JAN 2006  
COPYRIGHT (C) 2006 Cambridge Scientific Abstracts (CSA)

FILE 'BIOTECHDS' ENTERED AT 11:10:02 ON 26 JAN 2006  
COPYRIGHT (C) 2006 THE THOMSON CORPORATION

FILE 'EMBASE' ENTERED AT 11:10:02 ON 26 JAN 2006  
Copyright (c) 2006 Elsevier B.V. All rights reserved.

FILE 'BIOENG' ENTERED AT 11:10:02 ON 26 JAN 2006  
COPYRIGHT (C) 2006 Cambridge Scientific Abstracts (CSA)

FILE 'SCISEARCH' ENTERED AT 11:10:02 ON 26 JAN 2006  
Copyright (c) 2006 The Thomson Corporation

=> s cyclooxygenase  
L1 149529 CYCLOOXYGENASE

=> s l1 and human  
L2 64762 L1 AND HUMAN

=> s l2 and (Cox-3a OR Cox-3b)  
L3 1 L2 AND (COX-3A OR COX-3B)

=> d his

(FILE 'HOME' ENTERED AT 11:09:32 ON 26 JAN 2006)

FILE 'MEDLINE, AGRICOLA, DRUGU, JICST-EPLUS, CABA, BIOTECHNO, BIOSIS,  
CAPLUS, LIFESCI, BIOTECHDS, EMBASE, BIOENG, SCISEARCH' ENTERED AT  
11:10:02 ON 26 JAN 2006

L1 149529 S CYCLOOXYGENASE  
L2 64762 S L1 AND HUMAN  
L3 1 S L2 AND (COX-3A OR COX-3B)

=> d l3 ibib abs total

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:718560 CAPLUS

DOCUMENT NUMBER: 141:238809

TITLE: Cloning, sequence and drug screening, and therapeutic  
use of **human cyclooxygenase-3**

INVENTOR(S): Qin, Ning; Flores, Christopher; Zhang, Sui-Po; Codd,  
Ellen E.

PATENT ASSIGNEE(S): Janssen Pharmaceutica N.V., Belg.

SOURCE: PCT Int. Appl., 113 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074311	A2	20040902	WO 2004-IB1039	20040220
WO 2004074311	A3	20041028		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2516777	AA	20040902	CA 2004-2516777	20040220
US 2004235017	A1	20041125	US 2004-783297	20040220
EP 1594960	A2	20051116	EP 2004-713152	20040220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:			US 2003-449230P	P 20030221
			WO 2004-IB1039	W 20040220

AB The present invention provides nucleic acid and polypeptide sequences describing a novel isoenzyme of the **cyclooxygenase** enzyme, herein named as **human cyclooxygenase-3 (COX-3)**. Cloning of cDNA encoding the N-terminus of **human COX-3** is described and the full-length cDNA and encoded amino acid sequences of the COX splicing variants, **COX-3a** and **COX-3b**, are provided. The isolated nucleic acid or polypeptide mol. of the invention can be used in detection assays, gene therapy, and screening assays.

=> log y		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	27.21	27.42
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

STN INTERNATIONAL LOGOFF AT 11:12:37 ON 26 JAN 2006

SCIRUS	<input type="text"/>	<input type="button" value="Search"/>	<input type="checkbox"/> Pop-up Blocker OFF	<input type="checkbox"/> Highlight
--------	----------------------	---------------------------------------	---	------------------------------------

- |          |          |                |                 |             |            |
|----------|----------|----------------|-----------------|-------------|------------|
| About Us | Newsroom | Advisory Board | Submit Web Site | Search Tips | Contact Us |
|----------|----------|----------------|-----------------|-------------|------------|

**Basic Search**
[Advanced Search](#) [Search Preferences](#)

human AND Cox-3a AND a OR Cox-3b

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

 Searched for:: :All of the words: **human AND Cox-3a AND a OR Cox-3b**

 Found:: :**22,613 total** | **3,148 journal results** | **4,595 preferred web results** | **14,870 other web**

 Sort by:: :**relevance** | **date**



☐ 1. HUMAN CYCLOOXYGENASE-3 AND USES THEREOF
**QIN, Ning / FLORES, Christopher / ZHANG, Sui-Po / CODD, Ellen, E. / JANSSEN PHARMACEUTICA N.V., PATENT COOPERATION TREATY APPLICATION**, Sep 2004

...and exon 2 of **human Cox-I**, as published in the NCBI **human** genomic database...three reading frames (**a**, **b**, and **c**) results...acid sequences as in **Cox-I** are shaded. Figure...translation of **Cox- 3a** after RNA editing...shows translation of **Cox-3b** after RNA editing. Figure IE shows **a** comparison of peptide...**COX- I** intron I in **human** and canine I **COX-3**...

**Full text available at patent office. For more in-depth searching go to**  **LexisNexis** similar results

☐ 2. IL-8 enhancement of amyloid-beta (A $\beta$ <sub>1-42</sub>)-induced expression and production of pro-inflammatory cytokines and COX-2...
**Franciosi, S. / Choi, H.B. / Kim, S.U. / McLarnon, J.G., Journal of Neuroimmunology**, Feb 2005

...**human** neutrophils (Martinez et al., 2004). **A** previous study has reported that amyloid...elicited functional responses in monocytes via **a** distinct signaling pathway from that induced...8 and Abeta1-42-induced stimulation of **human** microglia. As shown in Fig. **3A-C** (for cytokines) and Fig. 4 (for **COX-2**), IL-8 applied in combination with Abeta1-42 produced...that an autocrine feedback system may play **a** role in IL-8 potentiation of Abeta1-42 effects...

**Full text article available from**  **SCIENCE @ DIRECT** similar results

☐ 3. Mitochondrial localization of cyclooxygenase-2 and calcium-independent phospholipase A<sub>2</sub> in human cancer cells:...
**Liou, J.Y. / Aleksic, N. / Chen, S.F. / Han, T.J. / Shyue, S.K. / Wu, K.K., Experimental Cell Research**, May 2005

...cells which express different levels of **COX-2** and normal **human** cells. The results show that **a** majority of **COX-2** expression in cancer cells were colocalized...resistant to apoptosis and DLD-1 cells with **a** lower level of mitochondrial **COX-2** were less resistant, whereas **human** fibroblasts with no detectable mitochondrial...

**Full text article available from**  **SCIENCE @ DIRECT**

[similar results](#)

- ☐ 4. [5-Heteroatom substituted pyrazoles as canine COX-2 inhibitors. Part 1: Structure-activity relationship studies of...](#)

**Sakya, S.M. / Lundy DeMello, K.M. / Minich, M.L. / Rast, B. / Shavnya, A. / Rafka, R.J. / Koss, D.A. / (...) / Jaynes, B.H., *Bioorganic & Medicinal Chemistry Letters*, Jan 2006**

...assay: run in duplicate or triplicate. Table 3 In vitro **COX-1** and **COX-2** inhibition data of 3a-f(SO<sub>2</sub>NH<sub>2</sub> and CF<sub>3</sub> analogs) Compound R3R4N Ratio **COX** 1/2 CWB IC<sub>50</sub>(μM)  
**COX-1 COX-2 3a** 107.4 15.5 0.14 **3b** 98.7 13.2 0.13 **3c** 23.1 4.5 0.19 **3d** 22.8 42.6 1.87...

**Full text article available from** [SCIENCE @ DIRECT](#)

[similar results](#)

- ☐ 5. [Differential modulation of COX-2 expression in A549 airway epithelial cells by structurally distinct PPARγ agonists:...](#)

**Patel, K.M. / Wright, K.L. / Whittaker, P. / Chakravarty, P. / Watson, M.L. / Ward, S.G., *Cellular Signalling*, Sep 2005**

...Troglitazone (10 μM) induced **COX-2** protein expression in a time dependent manner from 4 h to 48 h while **COX-1** levels were unaltered (Fig. **3A**). Furthermore, troglitazone induced **COX-2** expression in a concentration-dependent manner at 6 h (Fig. **3B**). The...

**Full text article available from** [SCIENCE @ DIRECT](#)

[similar results](#)

- ☐ 6. [Anisomycin induces COX-2 mRNA expression through p38<sup>MAPK</sup> and CREB independent of small GTPases in intestinal...](#)

**Shafer, L.M. / Slice, L.W., *BBA - Molecular Cell Research*, Sep 2005**

...elevated up to 30 min. 3.3 Stress-induced **COX-2** expression and CREB phosphorylation is...utilized by anisomycin for induction of **COX-2**, cells were pretreated with MAP kinase...phosphorylation, PD98059 and U0126, caused a decrease in anisomycin-dependent **COX-2** induction by 24% and 51%, respectively (Fig. **3A**). In striking contrast, there were significant...

**Full text article available from** [SCIENCE @ DIRECT](#)

[similar results](#)

- ☐ 7. [THERAPEUTIC COMBINATION OF A COX-2 INHIBITOR AND A TACE INHIBITOR](#)  
**MASFERRER, Jaime, L. / STEPHENSON, Diane, T. / PHARMACIA CORPORATION, PATENT COOPERATION TREATY APPLICATION**, Nov 2004

...a neoplasia-related disorder in a mammal using a combination of a **COX-2** inhibitor and a TACE and/or MMP inhibitor, more particularly a...the United States. (See U.S. Dept. of Health and Human Services, National Center for Health Statistics...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis

[similar results](#)

- ☐ 8. [Introduction](#) [PDF-51K]

Oct 2004

...stimulation (Fig. **3A**). This induction of **COX-2** after IL-1 is typical for fibroblastic cells (Fig. **3B**). **COX-2** staining in the Thy-1- cells revealed a cytoplasmic localization and interestingly...affected by IL-1. This apparent constitutive **COX-2** expression (Fig. **3A**) is unexpected, but correlates with the...expression in Figure 2. For comparison, human lung fibroblasts showing --typical" **COX-1**...

[more hits from \[http://ajpcell.physiology.org/cgi/reprint/00065.2002v1...\]](http://ajpcell.physiology.org/cgi/reprint/00065.2002v1...)

[similar results](#)


- ☐ 9. [Immunomodulatory drugs inhibit expression of cyclooxygenase-2 from TNF-α, IL-1β, and LPS-stimulated human PBMC in a...](#)



**Payvandi, F. / Wu, L. / Haley, M. / Schafer, P.H. / Zhang, L.H. / Chen, R.S. / Muller, G.W. / Stirling, D.I., *Cellular Immunology*, Aug 2004**

...the phorbol ester-induced expression of **COX-2** in human lung carcinoma cells. This

suggests that the ability of a small molecule to inhibit angiogenesis...and mRNA from LPS-stimulated PBMC in a dose-dependent manner. The effects of...also investigated on the expression of **COX-2** by **human** PBMC stimulated with proinflammatory...colorimetric enzyme assays. As shown in Figs. **3A** and **B**, the drugs did not have any effect on the activity of either **COX-1** or **COX-2**. Aspirin was used as a positive control and was shown to inhibit...

Full text article available from  **SCIENCE @ DIRECT**  
similar results

- ☐ **10.** Expression of cyclo-oxygenase types-1 and -2 in human myometrium throughout pregnancy -- Slater et al. 5 (9): 880 -- Molecular ... [108K]  
**Donna M. Slater / William J.B. Dennes / Juan S. Campa / Lucilla Poston / Phillip R. Bennett**, Jan 2005  
...study was to test the hypothesis that **COX** in the myometrium plays a role in the onset and/or maintenance of **human** labour. We studied the expression of...was confirmed using positive controls. **Human** platelets were used as a positive control for **COX-1** and interleukin-1 $\beta$  stimulated **human** lymphocytes for **COX-2**. Western autoradiographs...  
more hits from [<http://www.molehr.oupjournals.org/cgi/content/full/5/9...>]  
similar results
  
  - ☐ **11.** Arthritis Research & Therapy | Full text | Diosgenin, a plant steroid, induces apoptosis in human rheumatoid arthritis ... [135K]  
**Res Ther**, Jan 2005  
...of fibroblast-like synoviocytes from **human** rheumatoid arthritis, with apoptosis induction associated with cyclooxygenase-2 (**COX-2**) up-regulation. Celecoxib, a selective **COX-2** inhibitor, provoked a...the first time the effect of diosgenin, a plant steroid, on the proliferation rate and apoptosis in the **human** RA FLS. Particular attention was paid to the modulation of **COX-2** expression and activity in RA synoviocyte...IL-1  $\beta$  (an inducer of cyclooxygenase-2 [**COX-2**]) Figure 9 Effect of diosgenin on the production of IL-6 (a) and IL-8 (b) by **human** rheumatoid arthritis (RA) fibroblast...  
[<http://arthritis-research.com/content/6/4/R373>]  
similar results
  
  - ☐ **12.** Diosgenin, a plant steroid, induces apoptosis in human rheumatoid arthritis synoviocytes with cyclooxygenase-2...  
**Liagre, Bertrand / Vergne-Salle, Pascale / Corbiere, Cecile / Charissoux, Jean L. / Beneytout, Jean L.**, *Arthritis Res Ther*, Jun 2004  
...destruction of articular cartilage. The role of **COX-2** and prostaglandins in synoviocyte death...the first time the effect of diosgenin, a plant steroid, on the proliferation rate and apoptosis in the **human** RA FLS. Particular attention was paid to the modulation of **COX-2** expression and activity in RA synoviocyte...control cells (fluorescence in red, Fig. **3a**). Figure 3 Analysis of mitochondrial...potential ( $\Delta\psi$ m) after diosgenin treatment. **Human** rheumatoid arthritis (RA) fibroblast-like...48 hours and then treated (b) or not (a) with 40  $\mu$ M diosgenin.  $\Delta\psi$ m was analyzed...
- Full text article available from  **BioMed Central**  
similar results
- ☐ **13.** The induction of cyclooxygenase-1 by a tobacco carcinogen in U937 human macrophages is correlated to the activation of ... [121K]  
**Nathalie Rioux / Andre Castonguay**, Dec 2004  
...3 h and then hybridized for 18 h with a **human COX-1** cDNA probe (Cayman Chemicals) labeled...by SDS-PAGE and immunoblotting with a monoclonal **human COX-2** antibody. **COX-2** was not constitutively...PMA-differentiated U937 cells (Figure **3a**). Surprisingly, immunoblot analysis revealed that NNK increased the amount of **COX-1** in a dose-dependent manner. This increase...  
more hits from [<http://carcin.oupjournals.org/cgi/content/full/21/9/17...>]  
similar results

- ☐ **14. CD40 MOUSE PIM1 MOUSE CD40 Pim-1** [ASCII-127K]  
Jan 2005  
...ACVS\_PENCHIPNS\_PENCHpcbABpcbC CDNB\_HUMANCGA2\_HUMANp27Kip1cyclin A  
NTGL\_RATS6A5\_RATGLYT1GLYT2 ALGQ\_PSEAE...sigma(70)  
SP1\_MOUSESP3\_MOUSESP1Sp3 CAD5\_HUMANCTNB\_HUMANVE-cadherin-boundbeta-  
catenin...HUMANBcl-2ERK NU43\_HUMANPGH2\_HUMANp42COX-2  
ICSB\_MOUSEING\_MOUSEICSBPIFN-gamma...  
[http://cubic.bioc.columbia.edu/results/2005/nlprot-ppi...]  
[similar results](#)
- ☐ **15. Oxidative Bioactivation of the Lactol Prodrug of A Lactone Cyclooxygenase-2 Inhibitor --**  
**Nicoll-Griffith et al. 27 (3): 403 -- ...** [108K]  
**Deborah A. Nicoll-Griffith / Jean-Pierre Falguyret / M. Silva / Pierre-Emmanuel Morin / Chan, Sophie Clas,** Dec 2004  
...was prepared for evaluation as a prodrug for DFU. In contrast...DFU-lactol was found to be inactive as a COX-2 inhibitor. It had no measurable...recombinant COX-2 or microsomal human COX-1 (IC 50 > 100 µM, our unpublished...The inactivity of DFU-lactol as a COX inhibitor affords the additional...  
[more hits from](#) [http://dmd.aspetjournals.org/cgi/content/full/27/3/403]  
[similar results](#)
- ☐ **16. Microsoft Word - Dommels\_inhoudsopgave.doc** [PDF-432K]  
Sep 2004  
...activities. Cyclooxygenase 1 and -2 (COX-1, COX-2 respectively) introduce two atoms of...hydroxy endoperoxide PGH2. PGH2 can be a substrate for several enzymes including...E2 (PGE2) (14) (see Figure 1.2). EPA is a precursor of the prostaglandins of the 3-seri...n-3 fatty acid is converted by the same COX enzyme to the 3-series endoperoxide PGH3...such as cyclooxygenase Introduction 15 (COX). Non-enzymatic lipid peroxidation is initiated...requires oxygen and has the characteristics of a chain reaction (13). The process begins...  
[http://library.wur.nl/wda/dissertations/dis3424.pdf]  
[similar results](#)
- ☐ **17. USE OF AN EP2 OR EP4 RECEPTOR ANTAGONIST AND/OR A COX-1 INHIBITOR FOR TREATING CERVICAL CANCER**  
**KATZ, Arie / MEDICAL RESEARCH COUNCIL, PATENT COOPERATION TREATY APPLICATION,** May 2003  
...cell carcinoma. Adenocarcinomas and to a lesser extent adenosquamous carcinomas...invasive cervical carcinoma and display a variety of types and sub- types. Cyclooxygenases...synthesis. Two cyclooxygenase isoenzymes, COX-1 and COX-2, have been identified. COX-1...COX-1 is induced by tobacco carcinogens in human macrophages and is correlated Is with...indicates that COX-2 is overexpressed in human cervical cancer. 25 Prostaglandin E2 elicits...inventors have surprisingly found that COX-1 is upregulated in cervical 5 carcinoma...inventors propose new methods of treating a neoplastic condition of the cervix, by...  
**Full text available at patent office. For more in-depth searching go to**  LexisNexis®  
[similar results](#)
- ☐ **18. Polyamine-mediated post-transcriptional regulation of COX-2**  
**Parker, M.T. / Gerner, E.W., Biochimie,** Aug 2002  
...All quantitated northern blots shown are a representative of two or more experiments...transfections and luciferase assays The human COX-2 reporter construct (-1432/+59) was obtained...were identified in the 3'-UTR of the COX-2 mRNA ( Fig. 3A Fig. 3 eIF-5A response elements found in the 3'-untranslated region of the COX-2 RNA. (A) Sequence comparison of the putative ERE...  
**Full text article available from**  **SCIENCE @ DIRECT**  
[similar results](#)
- ☐ **19. COX-2-Dependent Cardiac Failure in Gh/tTG Transgenic Mice -- Zhang et al. 92 (10):**



[1153 -- CV Surgery Online \[88K\]](#)

**Zhibing Zhang , Roberta Vezza , / Theodore Plappert , / Peter McNamara , / John A. Lawson , / Sandra Austin , Domenico** , May 2005

...TxS was also increased in GhOEs ( Figures **3A** and **3 B**). Western blotting confirmed increased expression of **COX-2** and TP protein in the transgenic animals...increased in the hearts of GhOEs ( Figures **3A** and **3 B**). View larger version (45K): [in this window] [in a new window] Figure 3. Expression of...expression of the cyclooxygenase isoforms (**COX-1** and **COX-2**), thromboxane synthase (TxS...

[more hits from](#) [http://ahavj.ahajournals.org/cgi/content/full/circresa...] [similar results](#)

☐ **20. M1635Guo** [PDF-47K]

Mar 2005

...an important role for cyclooxygenase-2 (**COX-2**) in colorectal carcinogenesis. **COX-2** is a key enzyme in the biosynthesis of prostaglandins...acid and is overexpressed in 85-90% of **human** colon cancers and 40-50% of premalignant...pathways linking GRP-R to the regulation of **COX-2** expression. We selected the RIE-1 cell...studies for several reasons: 1) They are a non- tumorigenic intestinal epithelial cell line which, like the normal **human** colonic epithelium, do not express endogenous...

[more hits from](#) [http://www.jbc.org/cgi/reprint/M101801200v1.pdf]

[similar results](#)

**fast** ::::

**Results Pages:** [[<< Prev](#)] [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [[Next >>](#)] [back to top](#)

[Downloads](#) | [Subscribe to News Updates](#) | [User Feedback](#) | [Advertising](#)  
[Test Zone](#) | [Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by [FAST](#) © Elsevier 2006

... Dowsett Correlation between Cyclooxygenase-2 Expression and Angiogenesis in Human Breast Cancer ... USA Home page TD Warner and JA Mitchell **Cyclooxygenase-3** (COX-3 ... Cited by 607 - [Web Search](#) - [pubmedcentral.nih.gov](#) - [adsabs.harvard.edu](#) - [all 4 versions »](#)

Varibility in risk of gastrointestinal complications with individual nonsteroidal antiinflammatory

...  
D Henry, LYL Lim, LAG Rodriguez, SP Gutthann, JL ... - 1996 - [bmj.bmjournals.com](#)  
... Nottingham NG7 2UH, j Therapeutics Goods Administration, Department of Human Services and ... Sci. USA Home page TD Warner and JA Mitchell **Cyclooxygenase-3** (COX-3 ... Cited by 274 - [Web Search](#) - [bmj.com](#) - [213.4.18.135](#) - [ncbi.nlm.nih.gov](#) - [all 5 versions »](#)

Putative **cyclooxygenase-3** expression in rat brain cells

B Kis, JA Snipes, T Isse, K Nagy, DW Busija - J Cereb Blood Flow Metab, 2003 - [nature.com](#)  
... (2000) Mechanism of action of acetaminophen: is there a **cyclooxygenase 3**? Clin Infect Dis 31: S202-S210. ... A. Choroid plexus in human fetuses. ... Cited by 27 - [Web Search](#) - [dx.doi.org](#) - [nature.com](#) - [ncbi.nlm.nih.gov](#)

... gene expression is down-regulated by heparin-binding(acidic fibroblast) growth factor-1 in human ...

T Hla, T Maciag - J Biol Chem, 1991 - [jbc.org](#)  
... activity of two key enzymes, namely, phospholipase and **cyclooxygenase (3)**. Cyclooxygenase ... myristic acetate; IL-1, interleukin-1; HUVEC, human umbilical vein ... Cited by 37 - [Web Search](#) - [jbc.org](#) - [ncbi.nlm.nih.gov](#)

Goooooogle ►

Result Page: 1 2 3 4 5 6 **Next**

human a OR cyclooxygenase-3b "c

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google